What? Me Worry?

Fielding Technology & Products

Presented to:
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Some Recent Mail…

"…the U.S. Military has been jeopardized by the Department's acquisition policy…"

"…the Army is Preventing the first responders from purchasing the technology…"

"…this potentially invaluable product may be in jeopardy due to the Department's acquisition policies…"

Why We Test

Business Indicted For Alledged False Claims On Anthrax Disinfectant

Associated Press; Oct 1, 2004

ATLANTA – A former Norcross businessman has been charged with misleading investors into believing his company had a product that could destroy anthrax spores.

A Federal grand jury indicted 46-year-old Timothy C. Moss, former chairman, president, and chief executive of International BioChemical Industries, Inc., on Wednesday with securities fraud and perjury.

The indictment said the company issued misleading news releases claiming it had a product that could kill anthrax spores, after contaminated letters were mailed to government offices and news media in October 2001. Trading volume on the firm's shares soared, and its stock price tripled as a result.

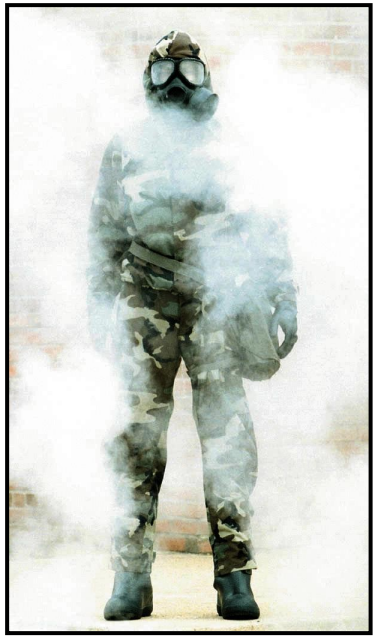
But in March 2002, the U.S. Environmental Protection Agency found that studies of the company's anthrax disinfectant products failed to prove they worked, the indictment said.

Investors duped by the claims lost $1 million to $2.5 million, it added.

John Christy, who is representing Moses in a civil case brought by the Securities and Exchange Commission, said Thursday he had not seen the criminal indictment.

"I feel confident Mr. Moses will be vindicated of any of these charges," he said.

Warfighter's Environment



Iraq – Hardware Environment

"Where's my ICAMs?"

Iraq – Operational Environment

Temperature Range: 25°F - 122°F
Storage Temps Measured: 160°+

Urban Environments

Phoenix, AZ
122°F

Nebraska-
7” Hail
June 2003

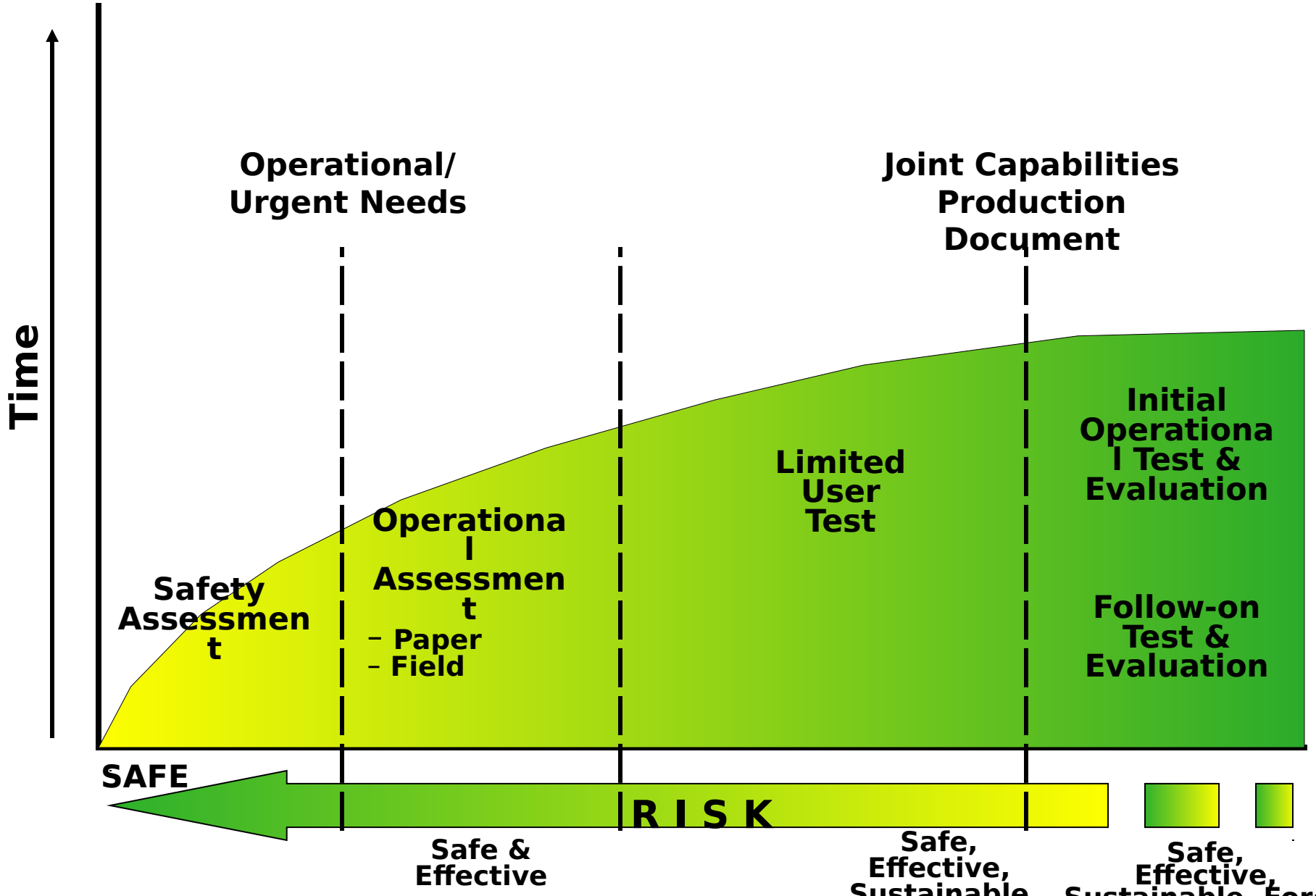
Hawii
130”/ Year
Rainfall

Some Ruggedness Require

St. Paul, MN
-33°F

Meeting Fielding Standards

The Standard



Meeting Standards

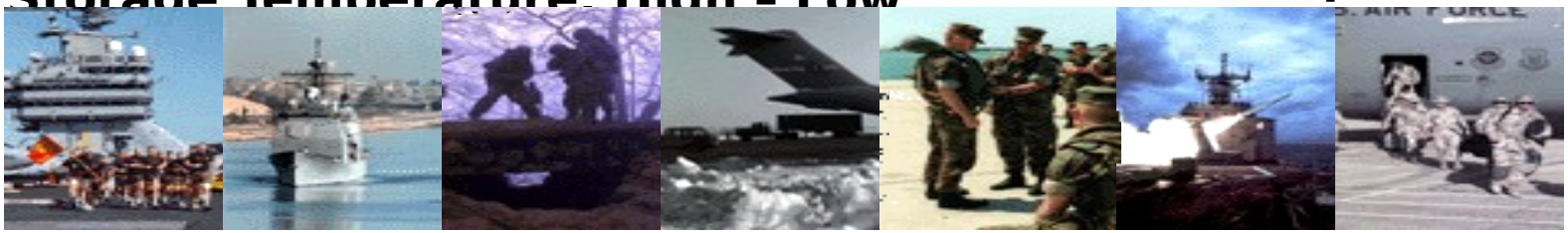
"JUST BUY IT!"

- **Urgent Need/ Special Purpose Requirements**
  - **Range of Testing - Judgment Call**
    - **Operational Environment**
      - **Lab Test ≠ Field Test**
    - **Life-Saving?**
    - **Existing Data**
    - **Performance Needed**
      - **New Capability?**
      - **Some Better than None?**
      - **Minimum Required?**
    - **Manufacturers Matter**
      - **Quality Assurance, Capacity, etc.**
- **Safety Non- Negotiable**

Test & Evaluation Options

Environmental Testing

- Reduced Pressure
- Contamination
- Lightning Near Strike
- Immersion
- Dust Blowing, Settling
- Humidity
- Sand Blowing
- Operating Temperature, High – Low
- Electromagnetic Environmental Effects
- Storage Temperature, High – Low
- Altitude
- Salt Fog
- Rain Drip, Blowing
- Fungus
- Smoke
- Vibration
- Noise Level
- Rail Hump Test
- Shipboard Shock Test
- Shock – Bench Handling, Packaging, Transit Drop

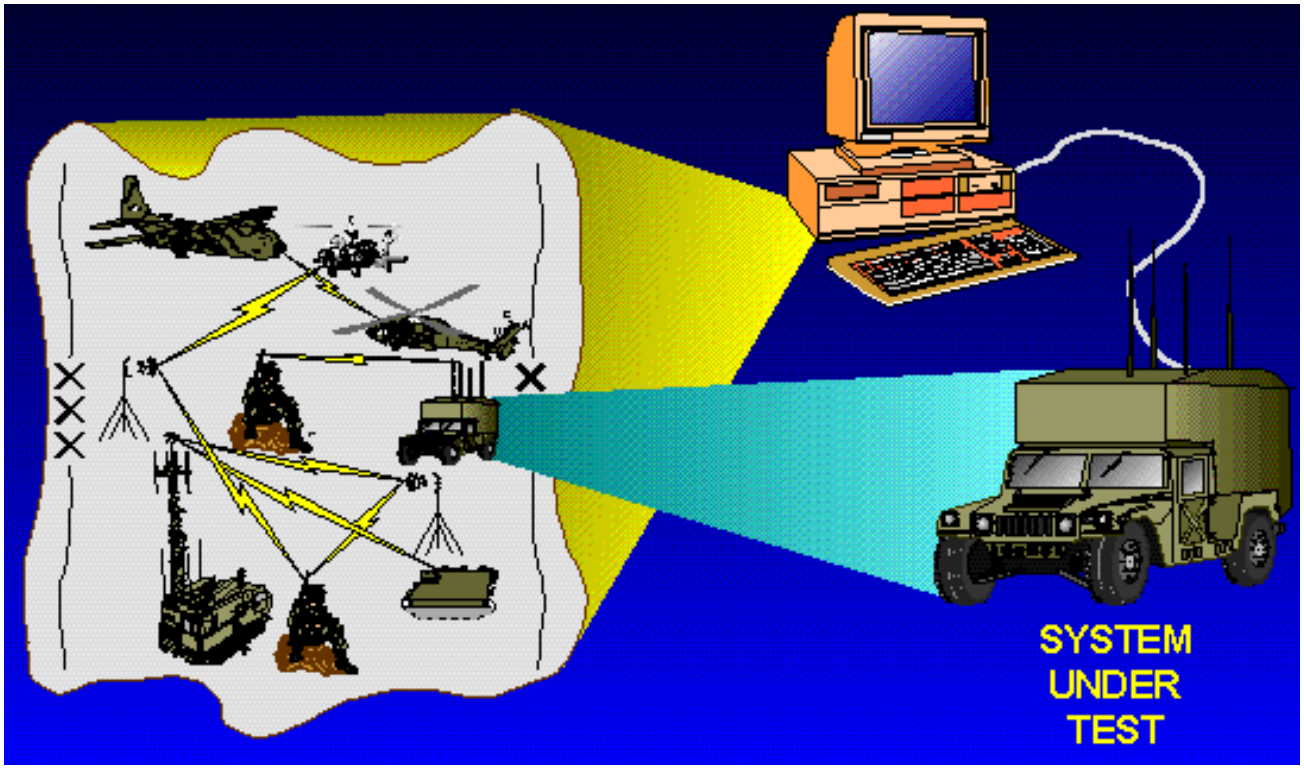


Survivability

- **Live Fire –**
  - **Vulnerability**
  - **Lethality**
- **NBC Contamination Survivability**
- **Information Assurance**
- **Nuclear Survivability**
- **Electromagnetic Environmental Effects**

Interoperability

- Critical in System-of-systems Testing
- Software/ & Hardware Compatibility and Interfaces
- Network Intensive
- Command, Control, and Communications Across Networks

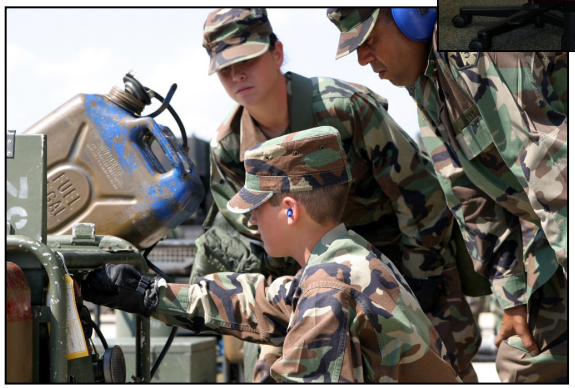


Suitability

Logistics

Logistics Burden

Institutional Training



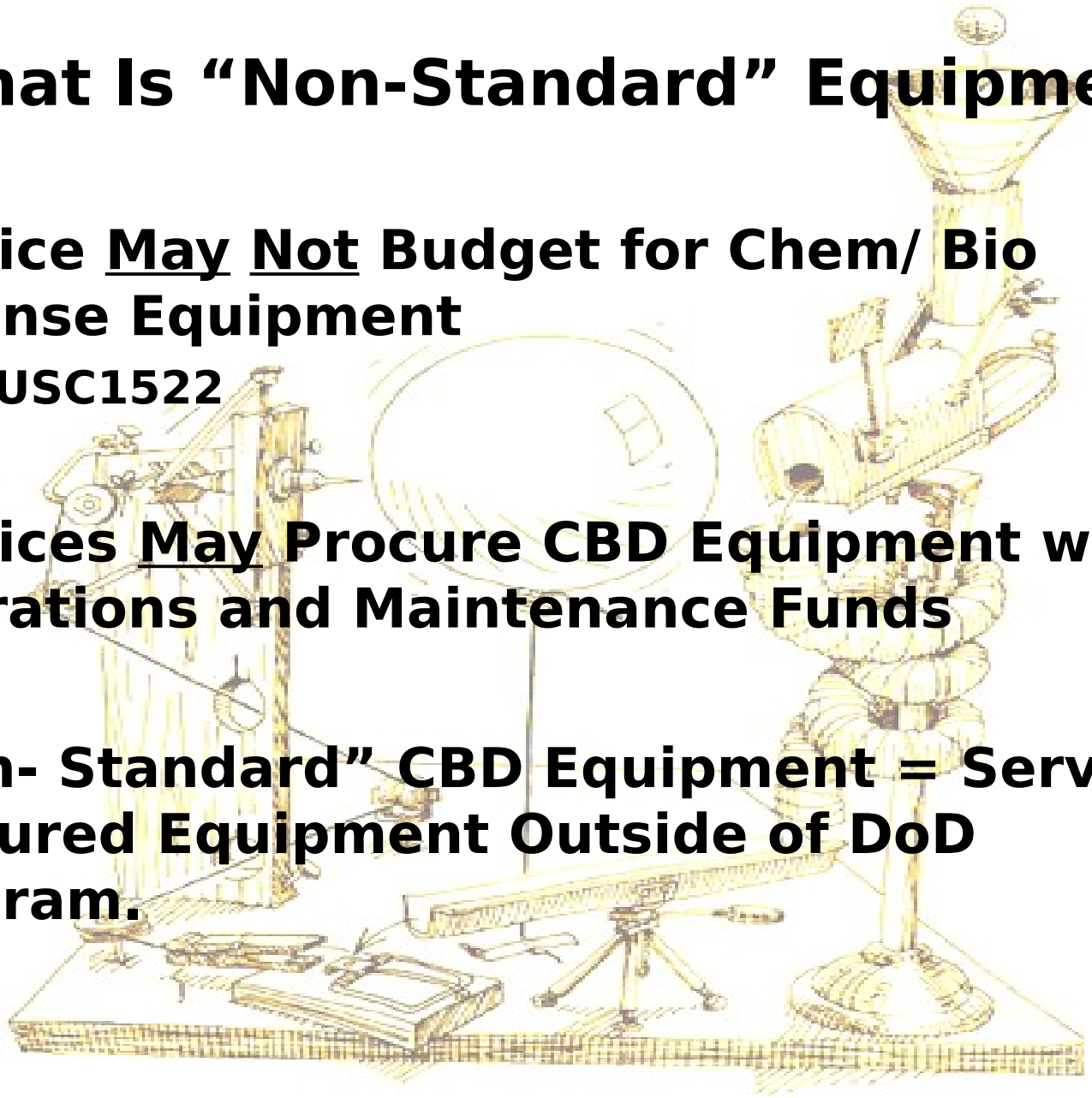
New Equipment Training

Maintenance & Supply

Urban Environments, Installation Protection & Non- Standard Equipment

What Is "Non-Standard" Equipment

- **Service May Not Budget for Chem/ Bio Defense Equipment**
  - **50USC1522**
- **Services May Procure CBD Equipment with Operations and Maintenance Funds**
- **"Non- Standard" CBD Equipment = Service Procured Equipment Outside of DoD Program.**



Non-Standard Equipment Review Panel

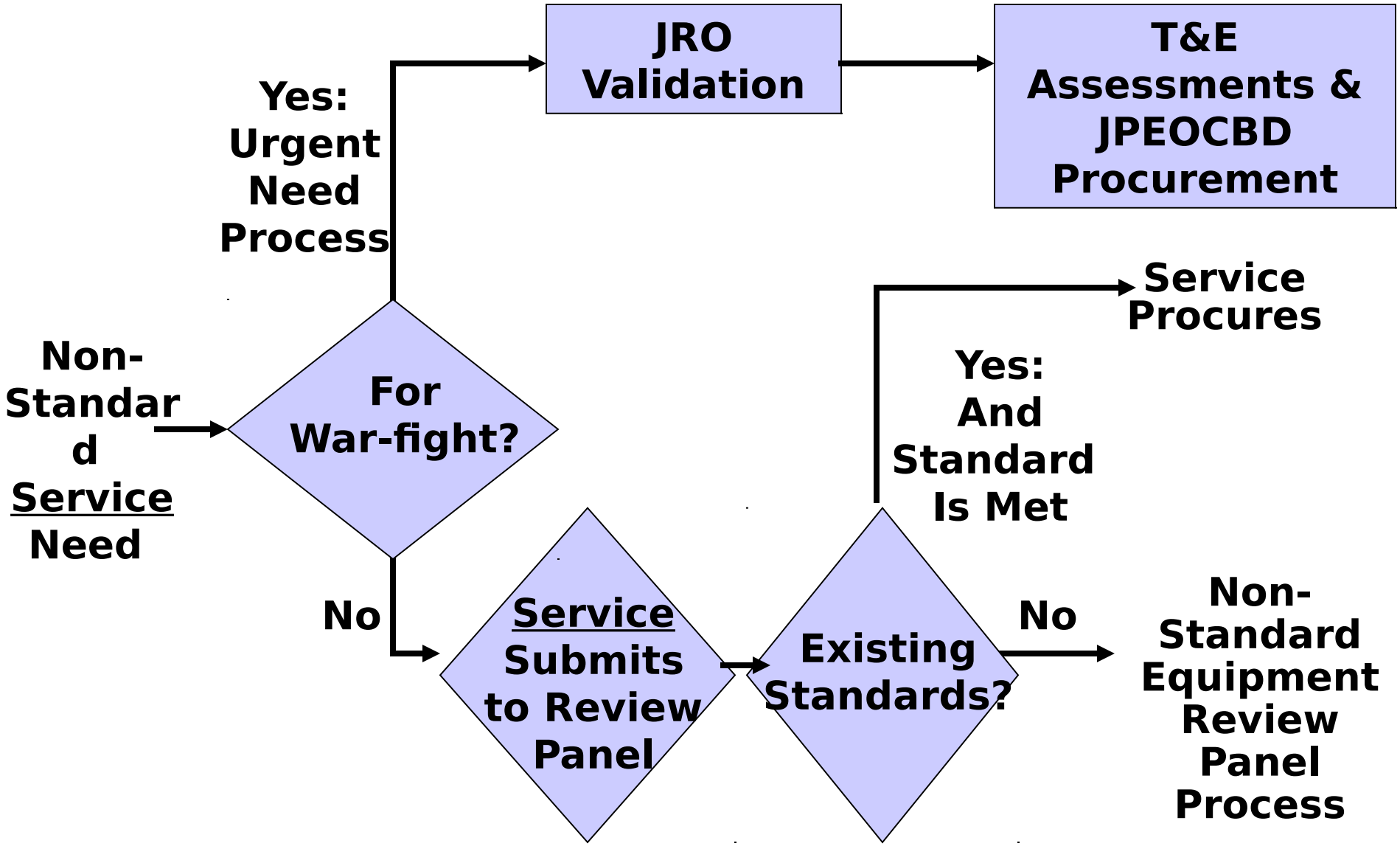
ATSD (NCB) Memo:

Subject: Non-Standard Equipment *

- **Directed to All Service Secretaries and NGB**
- **Directs JPEO-CBD Establish Panel to Review Service CBDE Purchases for DoD Civilian Consequence Management Applications**
  - **Independent Civilian or Government Testing**
  - **Applies to Current, Previously Procured Equipment and Future Purchase**
- **Objectives: Ensure Safe, Suitable and Effective Capabilities Are Procured**
  - **For the First Time, Non-Standard Procurements Taken Through A Disciplined Process**
- **This Is Not A DoD Equipment Testing Program**

** Available on the JPEO-CBD Website at: http://www.jpeocbd.osd.mil/reference.mil in the "Items of Interest" section*

The Process


JRO Validation
T&E Assessments & JPEOCBD Procurement
Yes: Urgent Need Process
Service Procures
Non-Standard Service Need
For War-fight?
Yes: And Standard Is Met
No
Service Submits to Review Panel
Existing Standards?
No
Non-Standard Equipment Review Panel Process

What's The "Standard"

- **Look to Approved National Standards As the Baseline**
- **Apply Other Standards ie: ASTM, ANSI, NFPA, etc**
  - **Materiel Requested by Services but NSERP Approval Required**
- **Way Forward: DHS "Approves" ASTM, ANSI, NFPA As De facto National Standards**
  - **Materiel Required No Longer Requires NSERP Approval.**

Service Responsibility

- **Select Equipment Based On Need**
- **Submit Request Containing:**
  - **Standards/ Requirement/ Need**
  - **Operational Concept**
  - **Safety of Use Data**
  - **Documentation of Test Methods**
  - **Independent Technical and Operational Test Data**
    - **All Independent Test and Operational Data Is a Service Responsibility…INCLUDING COST OF TESTING**
- **Plan For All Necessary Training, Sustainment and Logistics Support***

*** Not Part of <u>Approval</u>**

Industry Responsibility

- **Support Services In Selection of Equipment**
- **Provide Technical Data and Test Results**
  - **Independent Test Organization**
  - **In the Absence of Standards, Performance/ Capabilities Provided**
- **Assist In Preparation of Approval Package**
- **Provide Additional Information As Needed**

Panel Responsibilities

- **Conduct Technical Review of Service Proposal**
- **Develop Recommendations for JPEO Approval**
- **Provide Feedback to the Service**
- **Provide Assistance Upon Request**
- **Publish Panel Results- Web-based**
  - **An Equipment Database Will be Established**
  - **Panel Adjudication Will Occur Within 30 Days**

JPEO Approval

- **Approves Specific Service Procurement**
- **Does Not Change Service Procurement Requirements/ Process**
- **Does Not Authorize Sole Source Procurement**
- **Equipment Database on Web**

SAFE & EFFECTIVE

DoD/ Service Benefits

- **Safe and Effective Capabilities and Materiel Are Procured**
- **Centralized Data Base of Approved Items**
- **Process for Non-Standard Equipment Procurement**
- **Eventual Interoperability With Local First Responder Equipment**
- **Centralized Push to Adopt National Standards As Acceptable Baselines for Procurement**

Next Step:
- **Publish Service Guidebook**
- **Full Policy Implementation NLT Dec 1, 2004**

"Shameless Advertising"

www.jpeocbd.osd.

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At the RIGHT COST

BG Steve Reeves

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